

FIG. 1

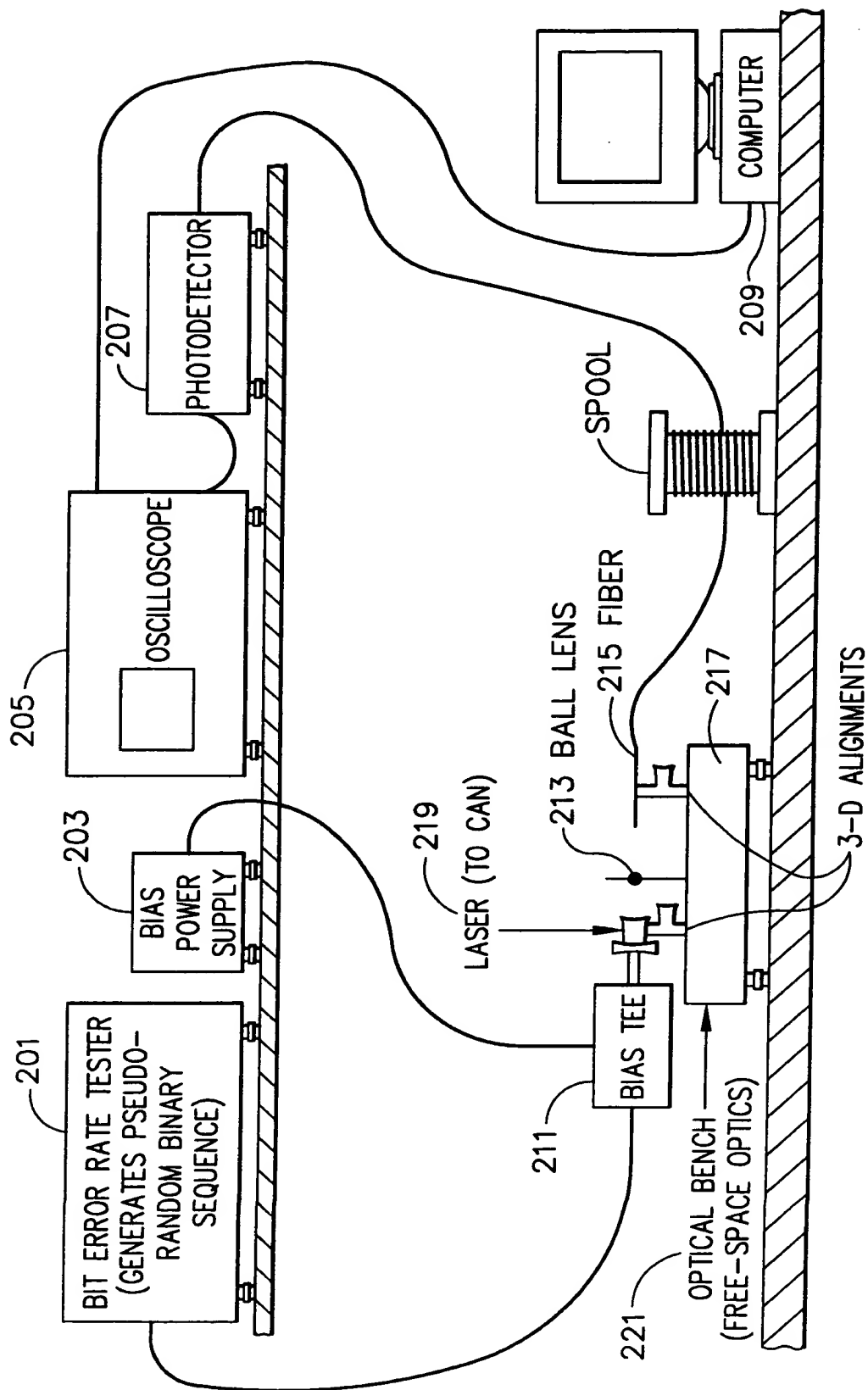


FIG. 2



FIBER	CORE DIAMETER [μm]	LENGTH [m]	MANUFACTURER
F0	62.5	270	FUJIKURA
F1	50.0	1152	CORNING
F2	62.5	2234	CORNING
F3	50.0	2247	CORNING
F4	62.5	1151	CORNING
F5	50.0	540	CORNING

FIG. 3

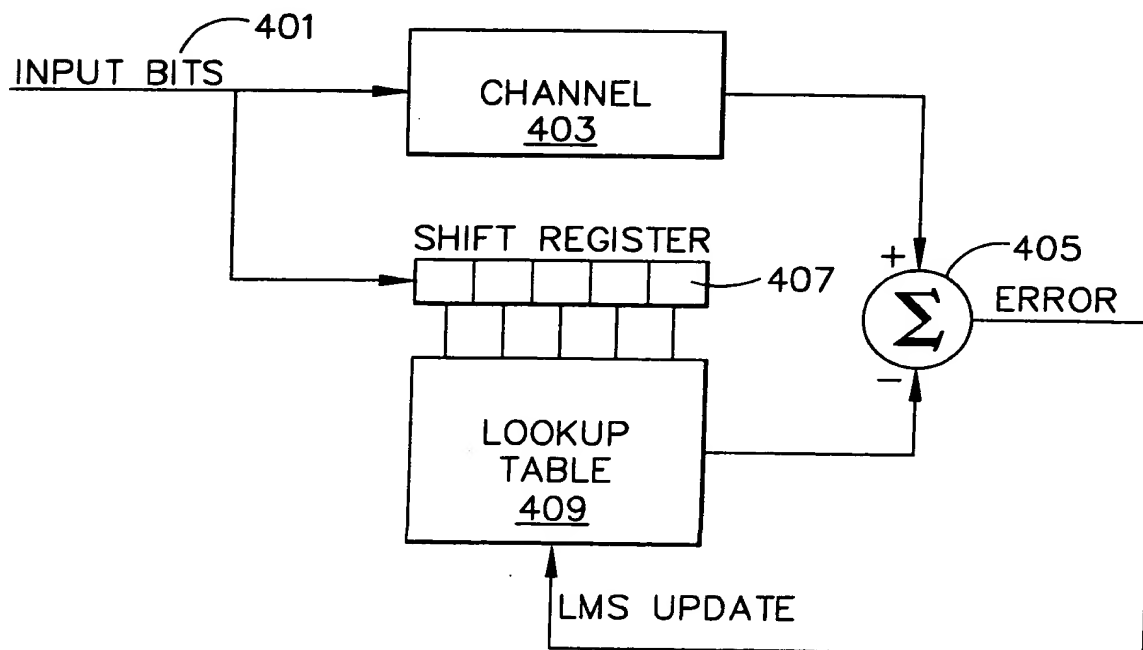
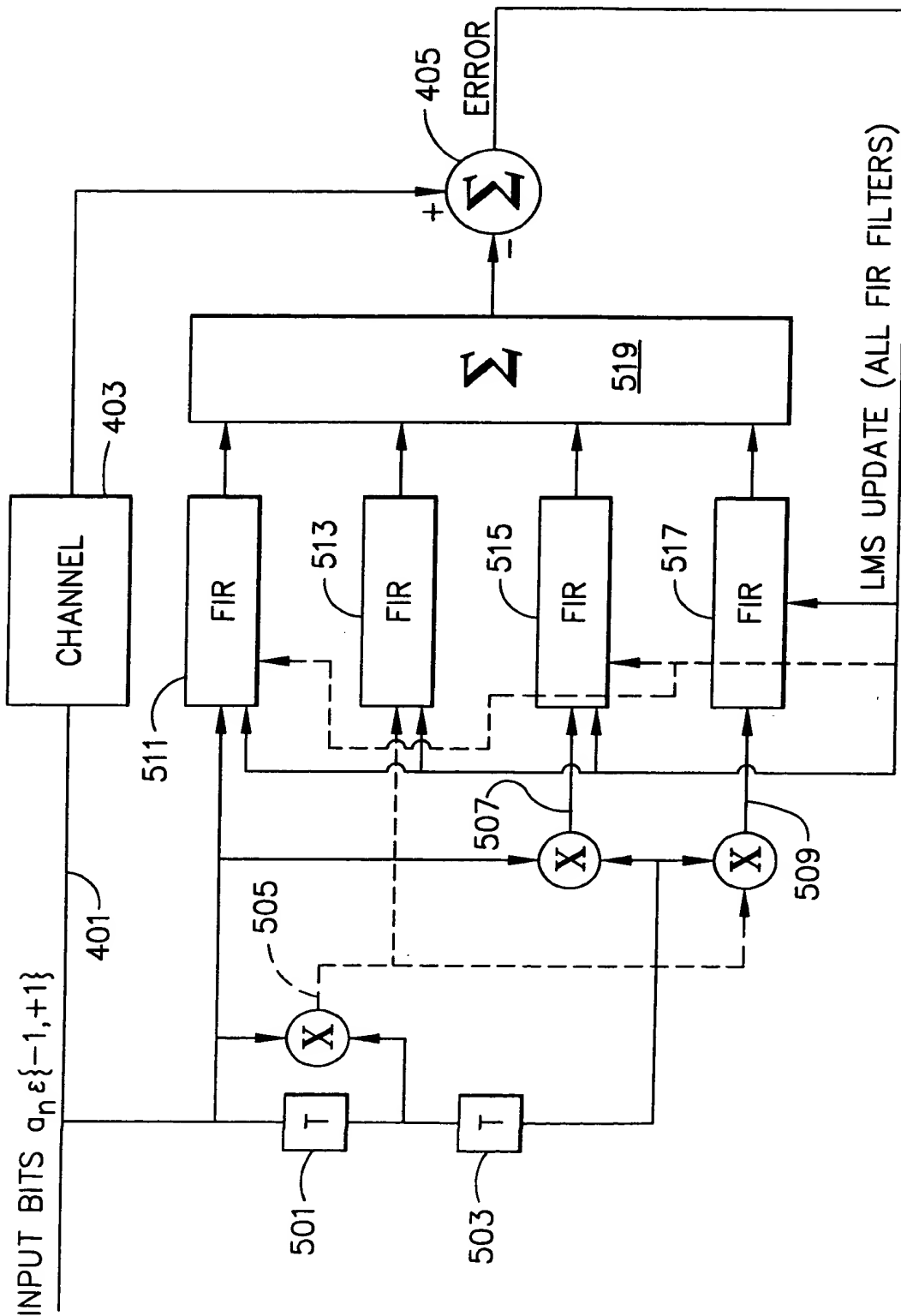


FIG. 4



NOTE: THIS SIMPLIFIED DIAGRAM SHOWS ONLY FOUR VOLTERRA KERNELS, AS
 WITH THE DATA TERMS a_n , $a_n a_{n-1}$, $a_n a_{n-2}$, AND $a_n a_{n-1} a_{n-2}$

FIG. 5

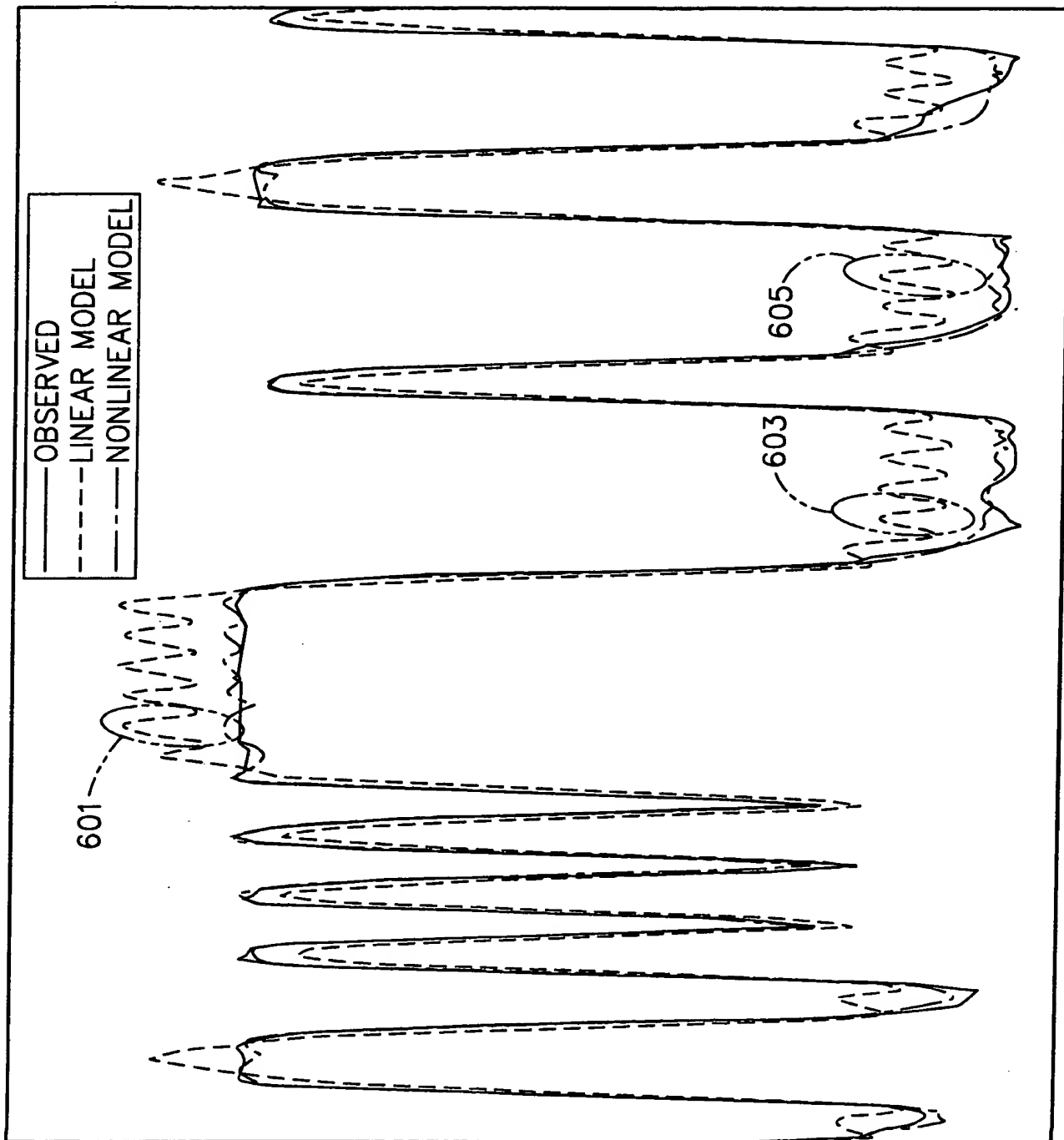


FIG. 6

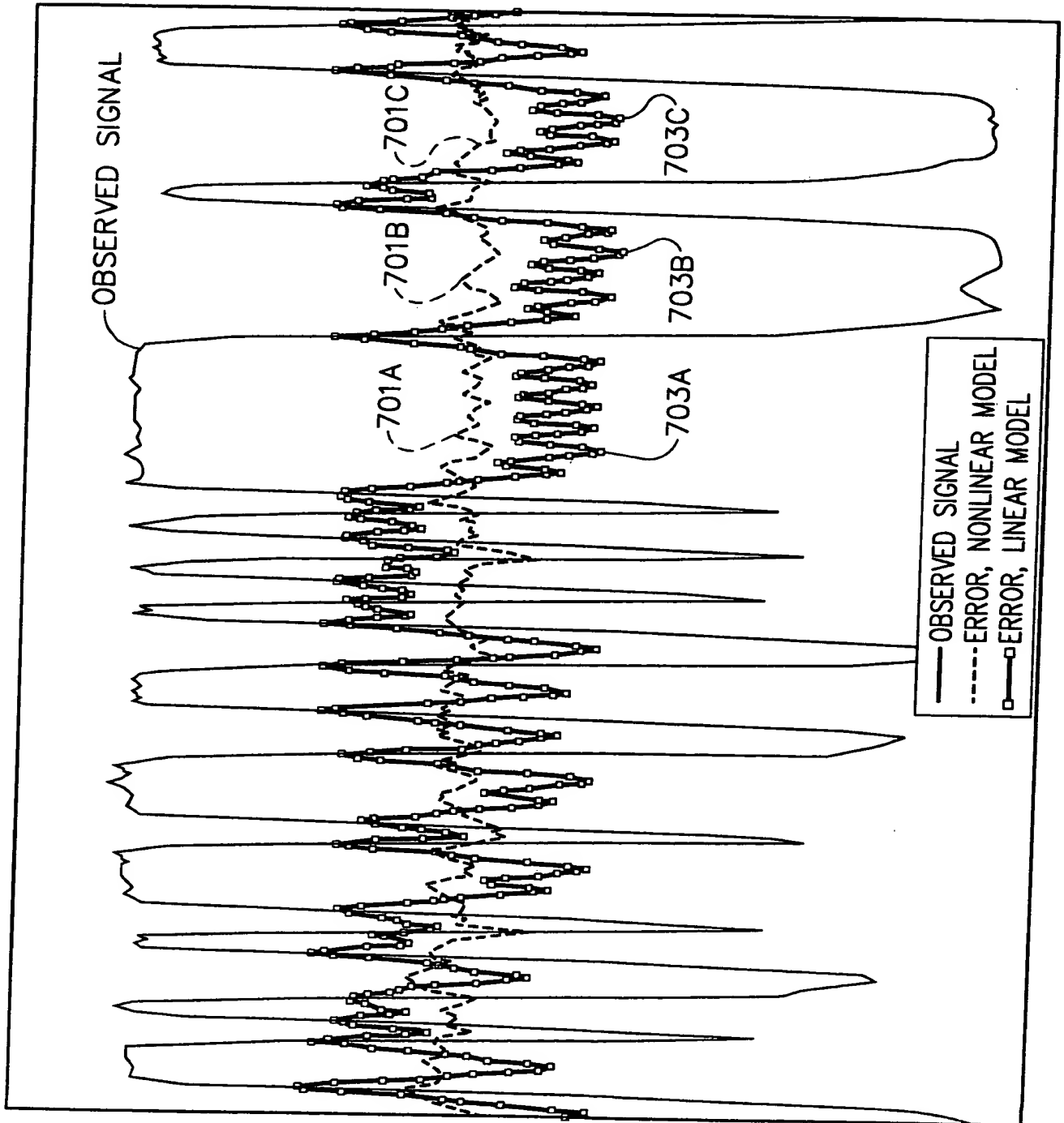


FIG. 7

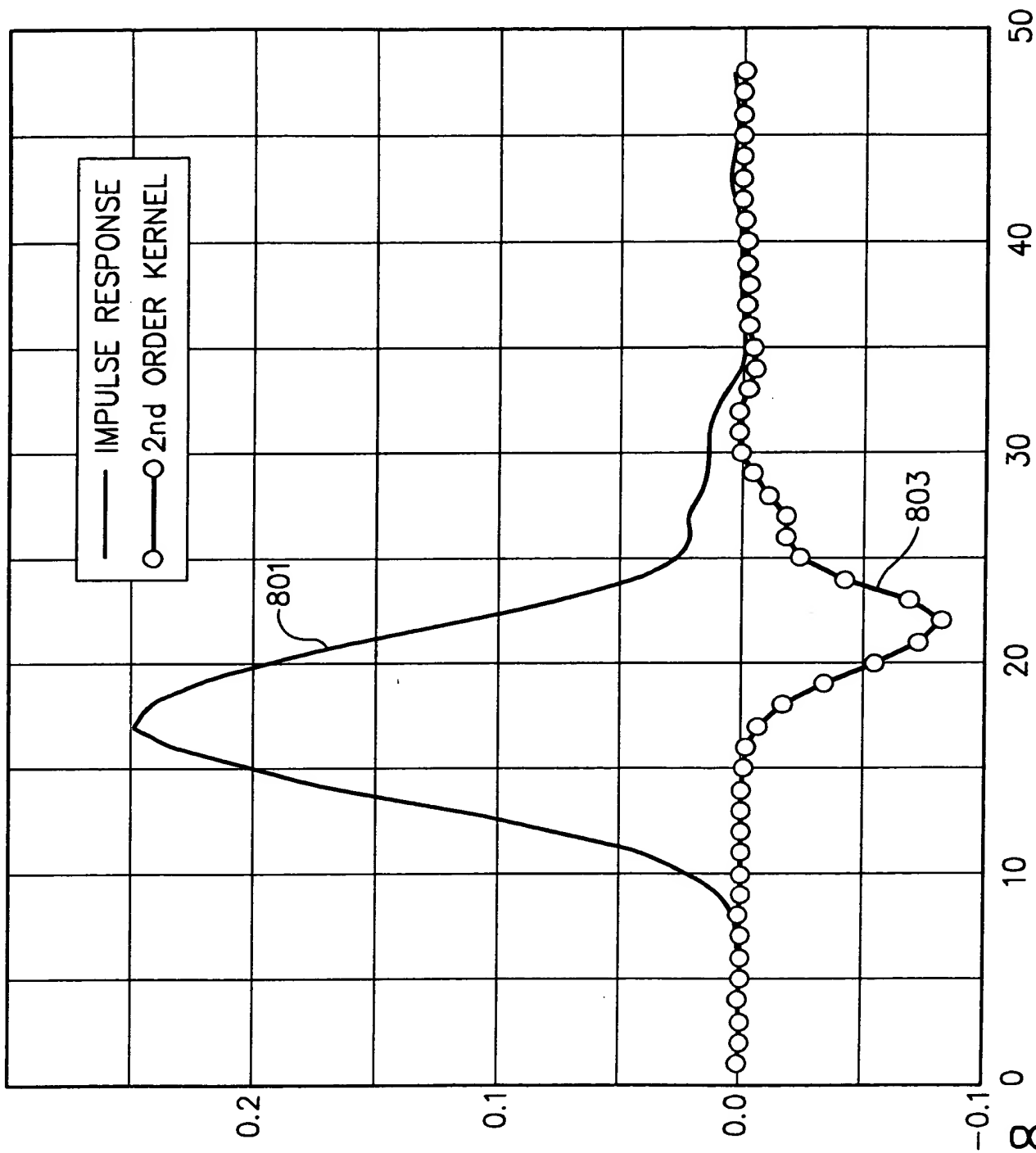


FIG. 8



FIBER	SNR [dB] (LINEAR MODEL)	SNR [dB] (NONLINEAR MODEL)
F0	12.8	23.2
F1	12.1	24.7
F2	13.4	24.9
F3	13.3	23.7
F4	12.4	23.8
F5	12.5	23.7

NOTE: SNR IS DEFINED AS $10 \log_{10}(\text{SIGNAL POWER}/\text{ERROR POWER})$, AND IT DOES NOT NECESSARILY COINCIDE WITH THE SLICER SNR OF A RECEIVER

FIG. 9

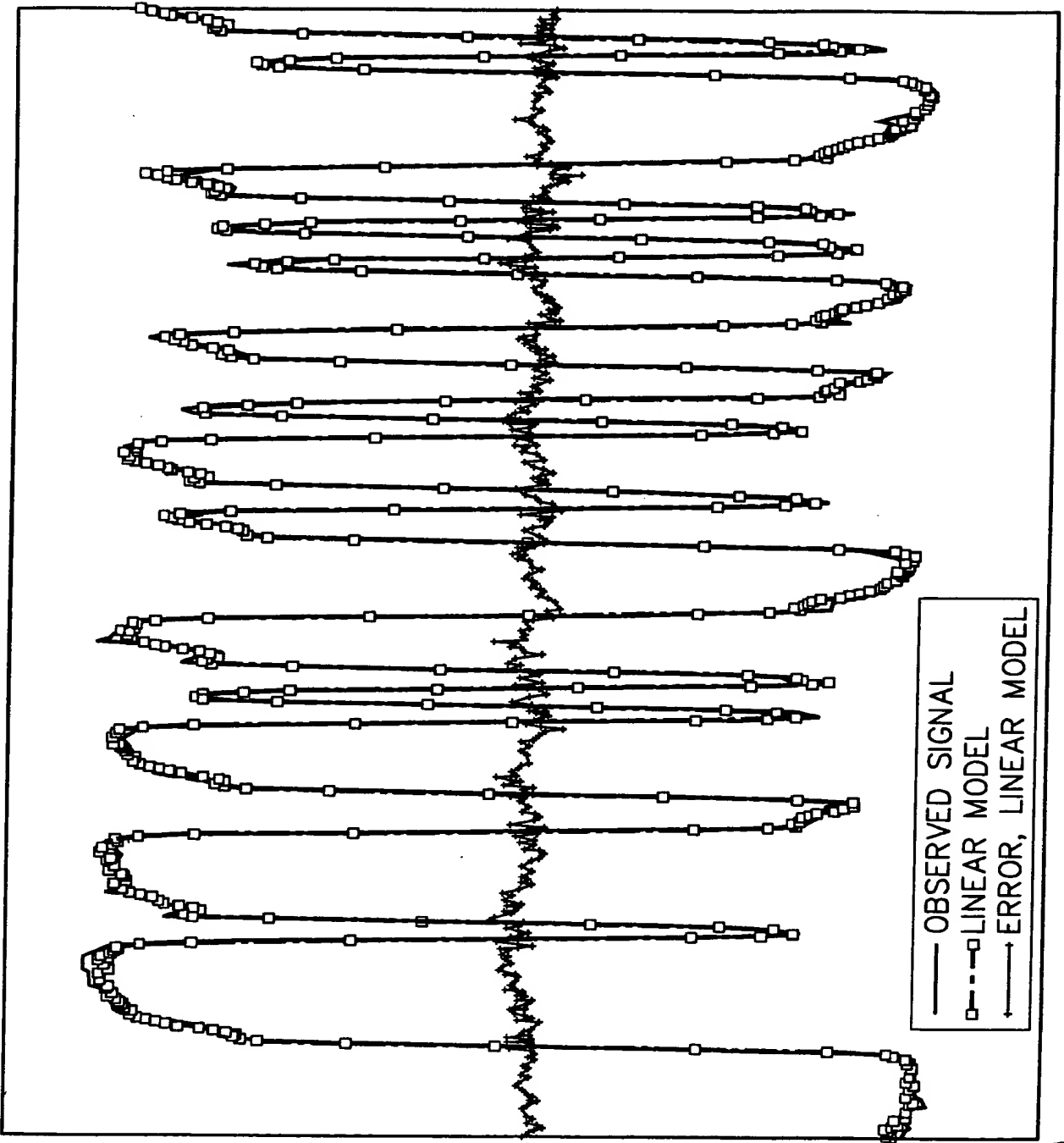


FIG. 10

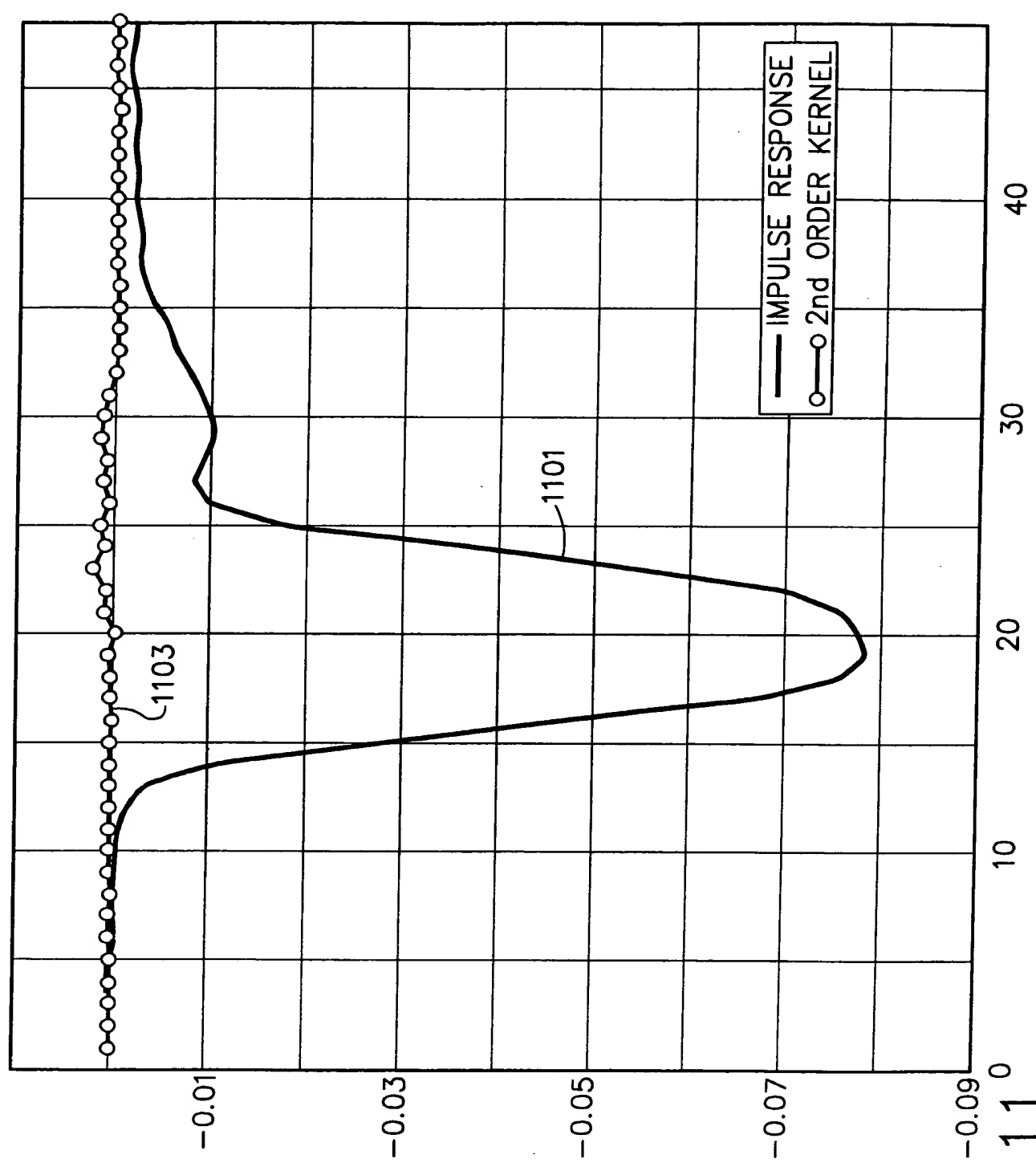


FIG. 11



FIBER	SNR [dB] (LINEAR MODEL)
F0	28.2
F1	26.6
F2	26.7
F3	27.4
F4	28.7
F5	28.2

NOTE: SNR IS DEFINED AS $10 \log_{10}(\text{SIGNAL POWER}/\text{ERROR POWER})$, AND IT DOES NOT NECESSARILY COINCIDE WITH THE SLICER SNR OF A RECEIVER

FIG. 12

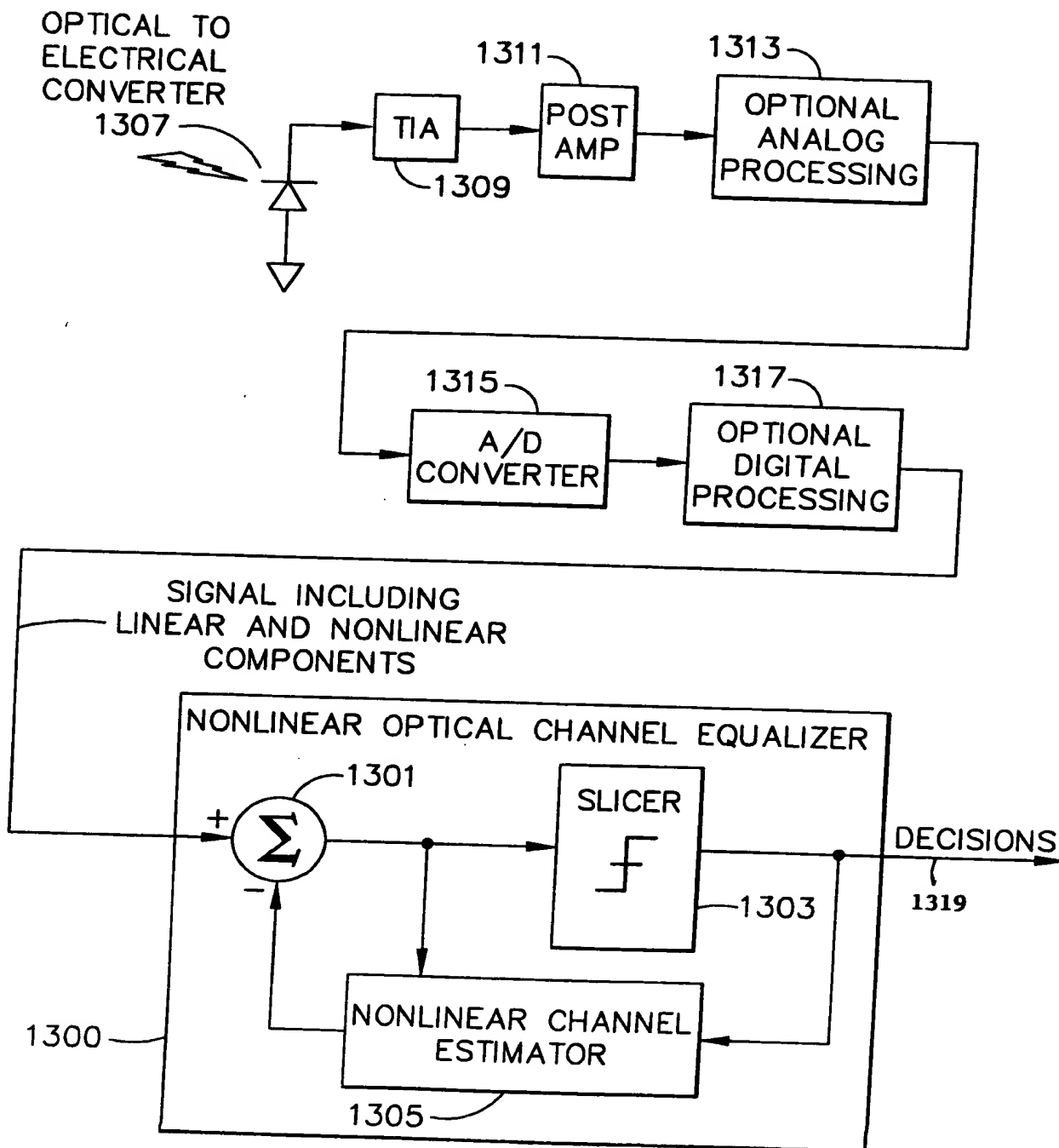


FIG. 13

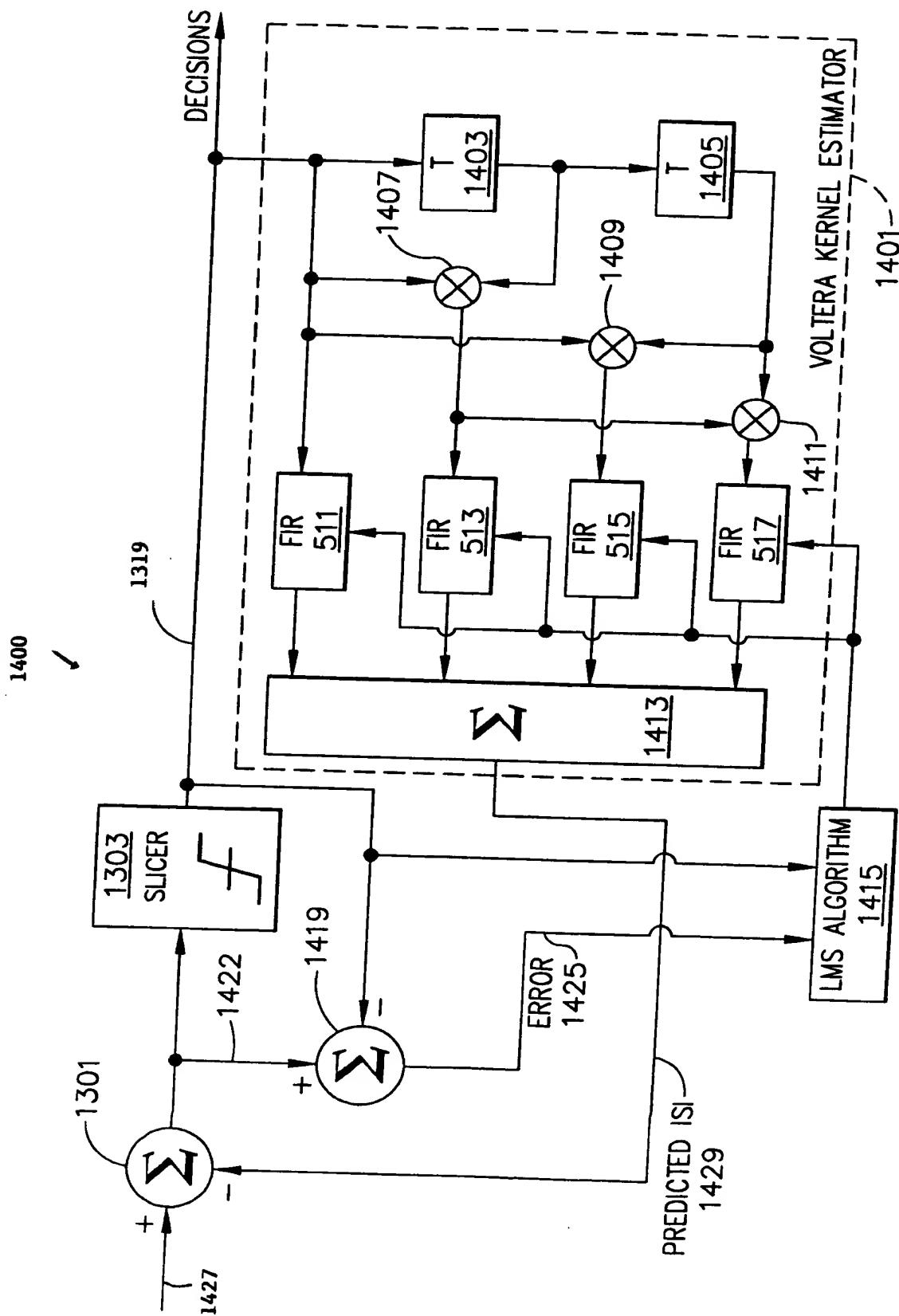


FIG. 14A

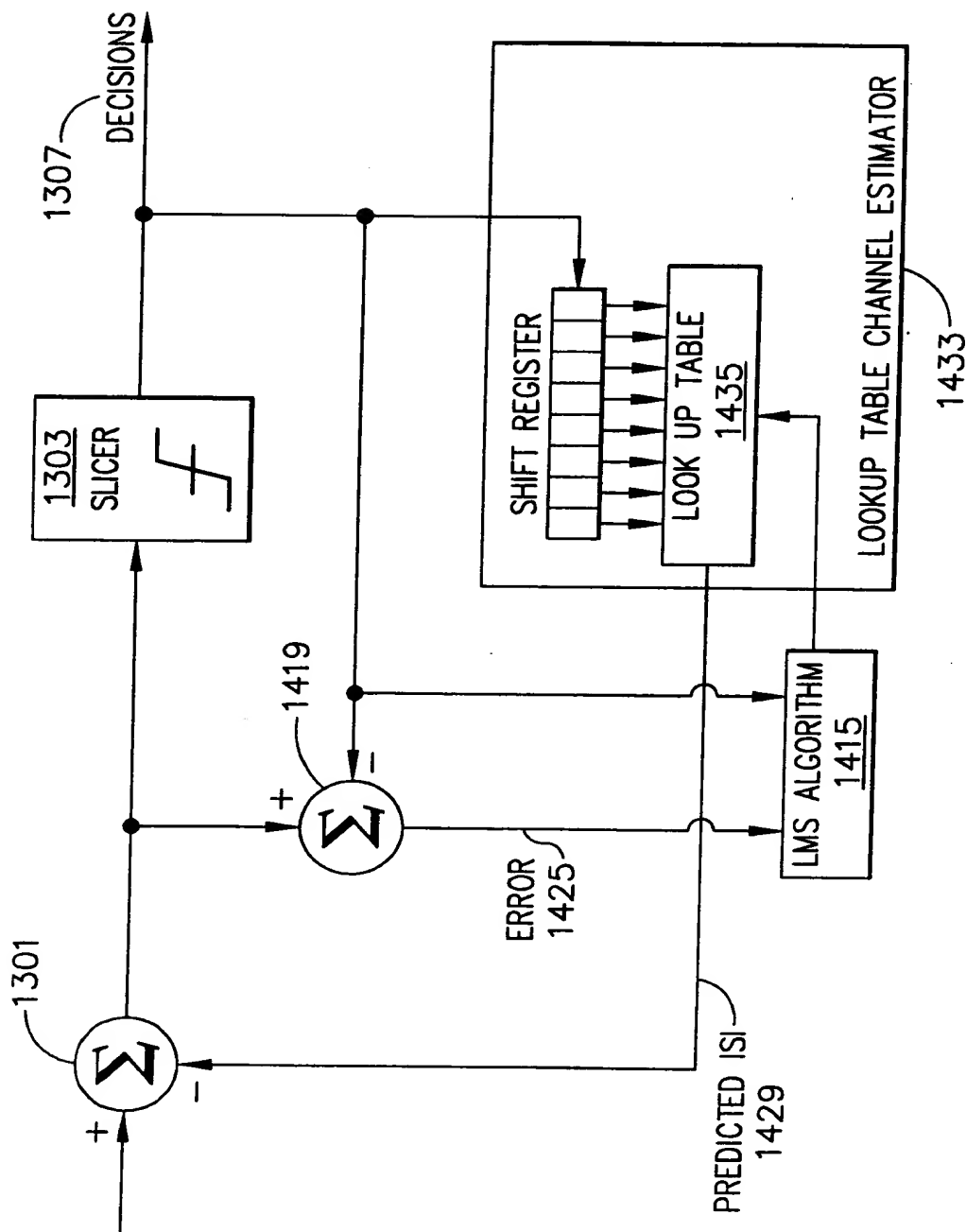
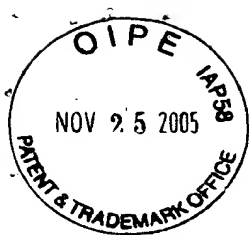


FIG. 14B

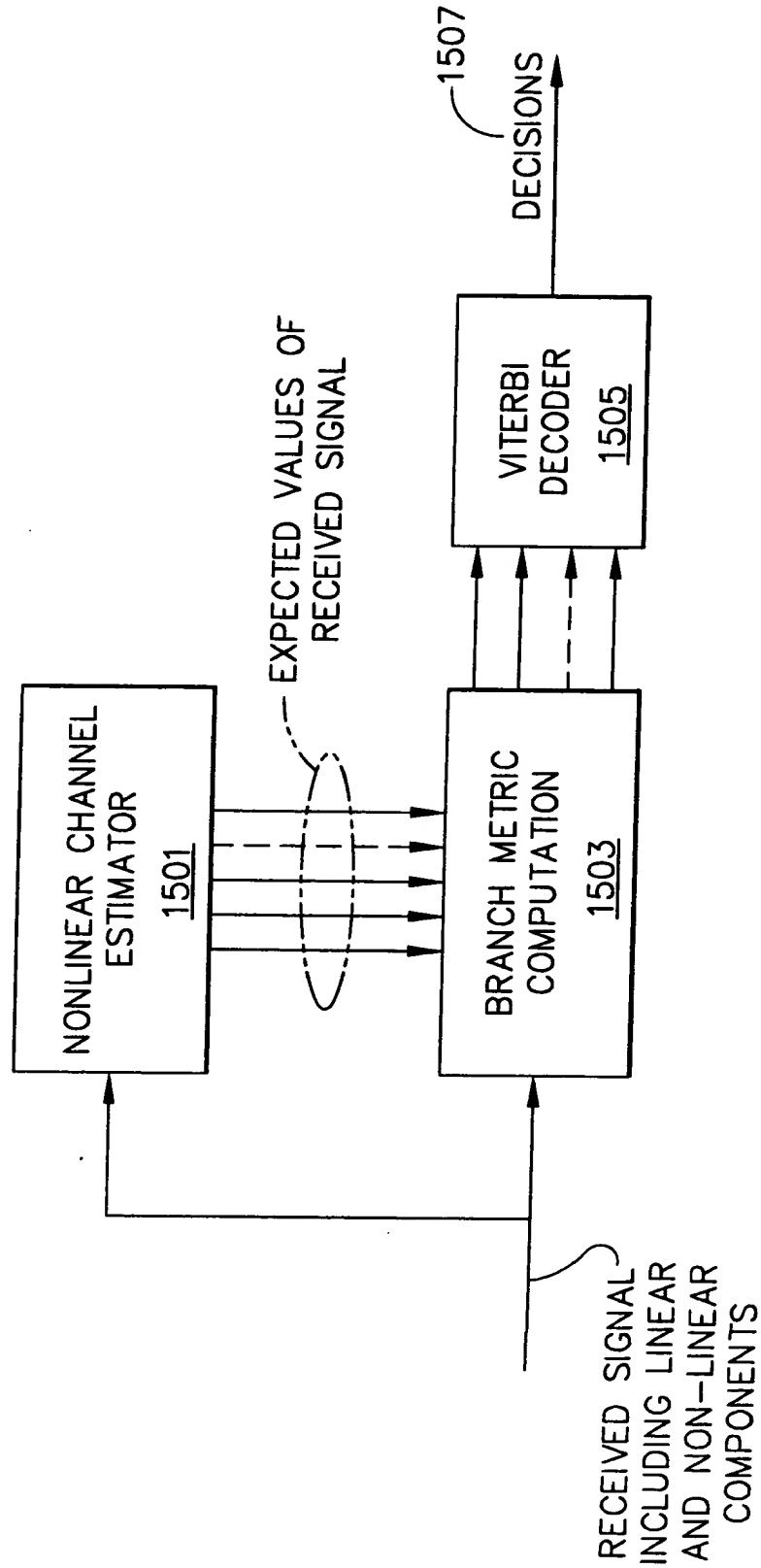


FIG. 15